

# Call for Contributions

## Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ENERGY+2018+Special>

Please select Track Preference as **MPS**

Special track

## **MPS: Power System State Estimation of Modern Power Systems**

### **Chair and Coordinator**

Hatim G. Abood, The University of Western Australia, Australia [hatim.abood@research.uwa.edu.au](mailto:hatim.abood@research.uwa.edu.au)

along with

**ENERGY 2018**, The Eighth International Conference on Smart Grids, Green Communications and IT Energy-aware Technologies

May 20, 2018 to May 24, 2018 - Nice, France

<http://www.iaria.org/conferences2018/ENERGY18.html>

Power systems state estimation and the Wide Area Monitoring (WAM) in the modern power systems face new challenges due to the tendency to employ the renewable energy resources that convert the distribution systems to be active systems and, also, the smart grids innovation.

The state estimation utilizes the available real-time measurements and the historical data to estimate the state of the power systems. However, the conventional state estimator is molded for transmission systems, which are different from the medium- and low-voltage distribution systems.

**Prospective authors** are invited to submit original papers on topics including, but not limited to:

- Real-time measurements and SCADA systems for state estimation;
- Phasor Measurement Units (PMUs), which includes: optimal placement of PMUs, Observability and Contingency analysis using PMUs, and the Hybrid state estimation using Phasor Measurements;
- Power System State estimation, which includes: Static State Estimation, Dynamic State estimation, and Distribution System State Estimation;
- Power quality measurement and state estimation in Smart Grids;
- Load forecasting and the assessment of the historical data for state estimation.

### **Important Datelines**

- Inform the Chairs: As soon as you decided to contribute

- Submission: ~~February 7, 2018~~ **March 28, 2018**

- Notification: ~~March 7, 2018~~ **April 5, 2018**

- Registration: ~~March 21, 2018~~ **April 10, 2018**

- Camera ready: ~~April 2, 2018~~ **April 20, 2018**

*Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.*

### **Contribution Types**

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Presentations: slide only [slide-deck posted on [www.iaia.org](http://www.iaia.org)]
- Demos: two pages [posted on [www.iaia.org](http://www.iaia.org)]

### **Paper Format**

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

### **Publications**

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

### **Paper Submission**

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### **Registration**

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

### **Contacts**

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